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- (54) Title: METHODS OF PURIFYING RECOMBINANT HUMAN ERYTHROPOIETIN FROM CELL CULTURE SUPERNATANTS
- (57) Abstract

The present invention relates, in general, to a method of purifying recombinant human erythropoietin (EPO). The present invention also relates to a substantially pure EPO. The method comprises a differential precipitation, an hydrophobic interaction chromatography, various concentration and diafiltration steps, tandem anionic and cationic exchange chromatographies and molecular exclusion chromatography for the obtaining of pure EPO. The method does not comprise high performance liquid chromatography steps. The invention also comprises the EPO obtained according to the claimed procedure.